

Converting Colors

Hex(0F5F42)

Have a look what the booklet for
Hex(0F5F42) contains.

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Color

Hex(0F5F42)

Conversions

Conversions Part 1

Format	Color
Hex	0F5F42
RGB	15, 95, 66
RGB Percent	6%, 37%, 26%
CMY	0.9412, 0.6275, 0.7412
CMYK	0.84, 0.00, 0.31, 0.63
HSL	158°, 73%, 22%
HSV	158°, 84%, 37%
XYZ	5.2726, 8.6793, 6.5516
YIQ	67.7740, -38.3710, -25.9790

Conversions

Conversions Part 2

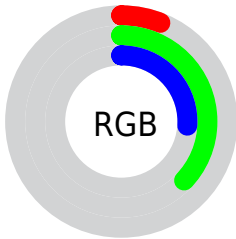
Format	Color
R_YB	15, 64, 95
Decimal	1007426
CIE Lab	35.36, -30.69, 10.18
CIE LCh	35, 32.329, 161.648
Yxy	8.6793, 0.2572, 0.4233
Android (android.graphics.Color)	4279197506 (0xFF0F5F42)
YUV	67.7740, -0.8746, -46.2828
Hunter-Lab	29.4607, -19.6101, 7.4372

Details

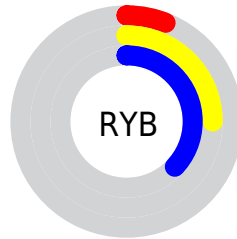
The Hex color **0F5F42** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5F0F2C**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **4A9272**, and **003017** is the 20% darker color. If you saturate the color by 10%, you get **065F3F**, and if you desaturate by 10%, it is **195F45**.

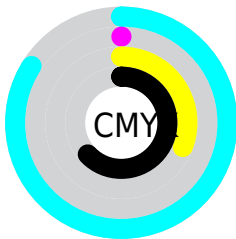
Distribution



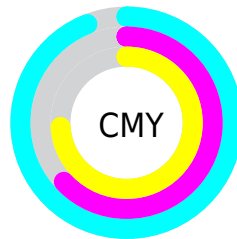
- Red (6%)
- Green (37%)
- Blue (26%)



- Red (6%)
- Yellow (25%)
- Blue (37%)



- Cyan (84%)
- Magenta (0%)
- Yellow (31%)
- Black (63%)



- Cyan (94%)
- Magenta (63%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F5F42 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 0F5F42 by changing the saturation by 10% instead.

0F5F42

0F5F42

FFFFFF

00472C

4A9272

003017

64AD8C

001B00

7FC9A6

000000

9AE5C1

B6FFDD

D2FFFA

FFFFFF

0F5F42

0F5F42

■ 065F3F

■ 195F45

■ 005F3D

■ 225F49

■ 2C5F4C

■ 355F50

■ 3F5F53

■ 485F57

■ 525F5A

■ 5B5F5E

■ 655F61

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



3C5B2B



0F5F42



00605D

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0F5F42



395286



7F4332

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



0F5F42



5F0F2C

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



833D4A



0F5F42



62487A

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



0F5F42



005A84



7A3F64



6F4C21

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



0F5F42



00606D



7A3F64



824039

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



0F5F42



5C7A6F



2C5F0F



2B3D37



BDBDBD



3D3D3D

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



0F5F42



007A4E



0F545F



2C302F



007048



00F099

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



5F0F2C



7A002C



5F1A0F



302C2D



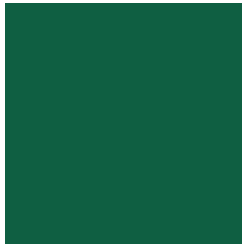
700029



F00057

Previews

White Background



This preview shows how the Hex color 0F5F42 looks on a white background.

Color Contrast Check

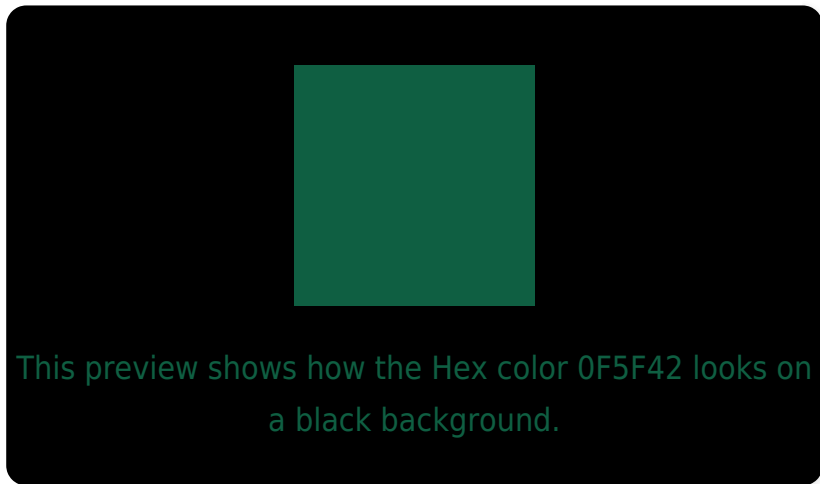
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

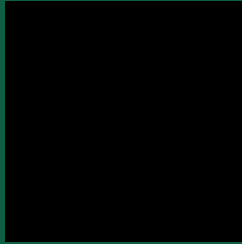
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0F5F42 Background



This preview shows how black text looks on a background with the Hex color 0F5F42.

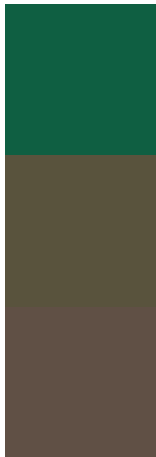


This preview shows how white text looks on a background with the Hex color 0F5F42.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
0F5F42

Protanopia
59533D

Deuteranopia
605045



Tritanopia
235B62

Trichromacy



Original Color
0F5F42

Protanomaly
3E573F

Deuteranomaly
435544

Tritanomaly
1C5C56

Monochromacy



Original Color
0F5F42

Achromatopsia
444444

Achromatomaly
314E43

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F5F42 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #0F5F42 looks like.

```
.text, #text, p{  
    color:#0F5F42  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #0F5F42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F5F42
}
```

Border

The CSS property to change the border of an element to Hex 0F5F42 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0F5F42 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#0F5F42 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #0F5F42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F5F42; -webkit-box-shadow:4px 4px  
4px 4px #0F5F42; box-shadow:4px 4px 4px  
4px #0F5F42 }
```

Background

The CSS property to change the background color of an element to Hex 0F5F42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F5F42 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#0F5F42 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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